

**AMENDMENT AND PETITION FOR  
EXTENSION OF TIME****Attorney Docket No.: Case 6152****Patent Application Serial No. 09/909,592  
Reply to Office Action Mailed October 1, 2003  
Art Unit: 1764**

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**AMENDMENTS TO THE SPECIFICATION**

Please replace paragraph [028] with the following amended paragraph:

**[028]** Referring now to the drawings, in which like reference numerals are used to refer to the same or similar elements, Fig. 1 shows a top plan view of a limestone bed 10 having a water supply channel 20 at one side and a water drain channel 30 at the other. The rows 12 of limestone have open rows between them through which are alternately water inlet channels 22 and water outlet channels 32. Inlet channels 22 are defined by walls 25, while ~~Outlet~~ outlet channels 32 are defined by walls 35.

Please replace paragraph [043] with the following amended paragraph:

**[043]**  $D_{32}$  is the Sauter mean diameter ~~is the shape factor~~